NITFS
Compliance Registration

Product: **Front-end Processing Environment (FPE) Version 8.1 for the production of the Digital Point Positioning Data Base (DPPDB)**

Sponsor: **National Geospatial-Intelligence Agency (NGA)**

Developer: **NJVC Maintenance (IT/IS)**

Date: **27 December 2005**
Expiration: **26 December 2007**
Registration #: **345**

- ☐ Initial Registration
- ☑ Supplemental/Update, Reg. # ___
- ☐ Derived from Reg. # ___

Complexity Level

NITF 2.1 CLEVEL

		3		5	6	7
Interpret						
Generate						

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:
- Sun Enterprise Network, Solaris 8

- ☐ **System**
  N-0105/98, §4.1.1

- ☐ **Product**
  N-0105/98, §4.1.2

- ☑ **Component**
  N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format
- **NITF**
  - ○ ○ v2.1
  - ○ ● v2.0
  - ○ v1.1
- **NSIF**
  - ○ ○ v1.0

Pixel Value Types
- ○ ○ Boolean
- ○ ● Integer
- ○ ○ Signed Integer *
- ○ ○ IEEE Real *
- ○ ○ IEEE Complex *

Annotation Segment Types
- ○ ○ Bit Mapped **
- ○ ● CGM, 2301
- ○ ○ CGM, 2301A
- ○ ○ Labels **

Text Segments
- ○ ● STA
- ○ ○ UT1
- ○ ○ U8S
- ○ ○ MTF

Image Segment Types
- ○ ● MONO
- ○ ○ RGB
- ○ ○ RGB/LUT
- ○ ○ YCbCr
- ○ ○ MULTI
- ○ ○ NODISPLY
- ○ ○ POLAR

Image Compression
- ○ ○ Not Compressed
- ○ ● JPEG Lossy, 8-bit
- ○ ○ JPEG Lossy, 12-bit
- ○ ○ JPEG Downsample
- ○ ○ JPEG Lossless
- ○ ○ JPEG 2000
- ○ ○ Bi-Level
- ○ ○ Vector Quantization
- ○ ○ Multispectral JPEG, Individual Band

Data Extension Segments
- ○ ○ TRE_OVERFLOW
- ○ ○ STREAMING_FILE_HEADER
- ○ ● Controlled Extensions **
- ○ ○ Registered Extensions **

Tagged Record Extensions
- ○ ● MDSIRA
- ○ ● PRADAA
- ○ ● PRADRA
- ○ ● RGRDRA
- ○ ● SISDDA
- ○ ● SEGSPA
- ○ ● SSDPDA
- ○ ● PTPRAA
- ○ ● PPRSDA
- ○ ● PSUPDA
- ○ ● IMCBDA
- ○ ● IMASDA
- ○ ● IMRFCA

Legend
- Interpret / Generate
- ● ● Fully implemented
- ◉ ◉ Partially implemented
- ○ ○ Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

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